Bruhath Bangalore Mahanagara Palike

Dasarahalli Zone

Name of Work: Improvements to roads & drains at Kammagondanahalli, Jarakabande Kaval Slum near Church, in Ward No.12, in Shettyhalli Sub Division.

Est .Cost Rs.50.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17.								
	6th cross road	Cum	1	160.00	3.60	0.30	172.80		
	7th Cross road		1	140.00	3.50	0.30	147.00		
	Middle road		1	150.00	3.60	0.30	162.00		
	8th Cross road		1	145.00	0.90	0.30	39.15		
	8 A th cross road		1	140.00	0.90	0.30	37.80		
	9th cross road		1	131.00	0.90	0.30	35.37		
							594.12	175.96	**104541.00**
2	KSSRB M400-7 **Construction of granular sub -base** by providing coarse graded cushed stone aggregates of granite / trap / basalt material speading in uniform layers with motor grader on prepared surface,mixing by mix in place method with rotavator at OMC,and compacting with vibratory roller to achive the desired density. complete asper specification. **By mix in place method for Grading II Material** KSSRB P.No 156 It. No 20.6 and 20.6.3 **PWD SR 2016-17**								
	8th Cross road	Cum	1	145.00	0.90	0.10	13.05		
	8 A th cross road		1	140.00	0.90	0.10	12.60		
	9th cross road		1	131.00	0.90	0.10	11.79		
							37.44	1582.58	**59252.00**
3	KSSRB M600-1 Construction Of **dry lean cement concrete mix CC1:5:10** With OPC cement @160kgs,with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum sub-base over a prepared sub-grade with (course and fine aggregate conferming to IS:383) aggregate cement ratio not to exceed 15:1. Aggregate gardation after blending to br as per Table 600-1, cement content not to be less than 160kg/cum, optimum moisture content to be less than 10Mpa at 7days, mixxed in a batching plant, transported to site, laid with a paver with electronic sensor, comacting with 8-10 tonnes vibratory roller,finishing and curing complete asper Specification KSSRB:Page No 176, Item No 22.2 and 22.2.1 **PWD SR 2016-17**								

	6th cross road	Cum	1	160.00	3.60	0.15	86.40		
	7th Cross road		1	140.00	3.50	0.15	73.50		
	Middle road		1	150.00	3.60	0.15	81.00		
	8th Cross road		1	145.00	0.90	0.15	19.58		
	8 A th cross road		1	140.00	0.90	0.15	18.90		
	9th cross road		1	131.00	0.90	0.15	17.69		
							297.06	3986.66	**1184277.00**
4	**Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement**, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in **approved fixed side form work** (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, **construction and longitudinal joints including groove cutting charges**, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - **M30 (at 360Kg per cum** coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) **PWD SR 2016-17 P 176 It No 22.6.1**									
	6th cross road	Cum	1	160.00	3.60	0.15	86.40		
	7th Cross road		1	140.00	3.50	0.15	73.50		
	Middle road		1	150.00	3.60	0.15	81.00		
	8th Cross road		1	145.00	3.60	0.15	78.30		
	8 A th cross road		1	140.00	3.60	0.15	75.60		
	9th cross road		1	131.00	3.60	0.15	70.74		
							465.54	6217.96	**2894709.10**
5	**Vaccum de-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power floater, blade and disc etc., with all lad and lift Page No. 177/ Item No. 22.7/ PWD SR 2016-17.								
	8th cross road	sqm	1	160.00	3.50		560.00		
	8th 'A 'Cross road		1	140.00	3.40		476.00		
	9th Cross road		1	150.00	3.60		540.00		
	10th Cross road		1	145.00	3.60		522.00		
	11th cross road		1	140.00	3.60		504.00		
	12th cross road		1	131.00	3.60		471.60		
							3073.60	97.20	**298754.00**

6	Sub Total								4541533.10
7	KRIDL Charges @ 8% 9%								408737.98
8	Third Party Inspection Charges @ 1%								45415.33
9	Miscellaneous and unforeseen charges								4313.59
								Total	5000000.00
(Rupees Fifty Lakhs Only)									

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. JC/DZ/HS/PV/ದಿನಾಂಕ : 6/5/17
14/17-18
ರೂ. Fifty Lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ಸಂ. CE/TS/ss/17-18 ದಿನಾಂಕ : 01/06/2017
ರೂ. Rs. 50.00 lakhs only/
Rs. Fifty lakhs only/
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.